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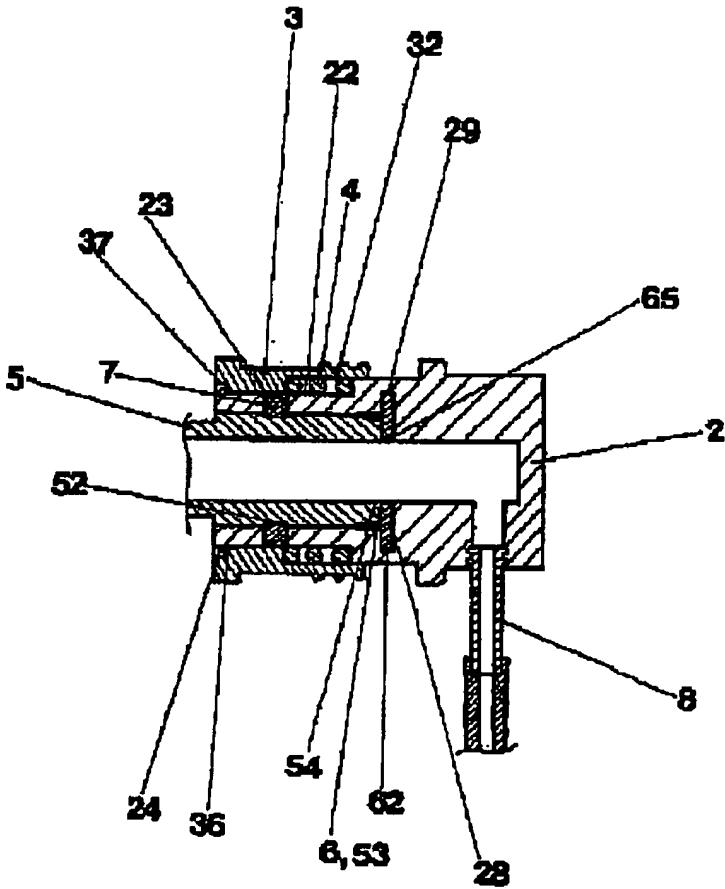
(74) Representative:

(54) COUPLER FOR CONNECTION OF DIALYZER

(57) Abstract:

PROBLEM TO BE SOLVED: To prevent bacterial infection without impairing operability by making a sealing at a part where a plug tip for a dialysis liquid contacts the internal wall of a link tube to eliminate a dead space between the both.

SOLUTION: A coupler is constituted of a plug 8 linked to a hose for the perfusion of a dialysis liquid, a link tube 2 screwed down on the plug 8 orthogonal thereto and a sleeve 3 covering the external surface of the link tube 2. A plug 5 for the dialysis liquid is inserted into the link tube 2. Above parts are made of rust-free metal such as stainless steel. A part 6 where the plug 5 for the dialysis liquid closely contacts the link tube 2 is located at a contact part of the plug tip 53 for the dialysis liquid with a diameter-reduced cylindrical internal wall step part 28



internal wall step part 28 extending in the direction of a base end part from near the center of a lumen of the link tube 2. A seal material 62 mounted on the internal wall step part 28 seals liquid tight between the plug tip 53 for the dialysis liquid and the internal wall of the link tube 2. This eliminates the dead space between the tip and the internal wall to hinder the retention of the dialysis liquid thereby preventing bacterial infection.

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